(The information in this table indicates the dominant soil condition but does not eliminate the need
     for onsite investigation.  The numbers in the value columns range from 0.01 to 1.00.  The
     larger the value, the greater the limitation.  Map units in red represent the soils having the
     greatest potential for caving when excavated.)

| Map symbol and soil name | ENG – Shallow Excavations |
|---|---|
| AdA:<br> ALDINO---------- | 1.000 (1.000-1.000) Very limited *+<br> 1.000 (1.000-1.000) Depth to saturated zone<br> 0.100 Cutbanks cave |
| AdB2:<br> ALDINO---------- | 1.000 (1.000-1.000) Very limited *+<br> 1.000 (1.000-1.000) Depth to saturated zone<br> 0.100 Cutbanks cave |
| AuB2:<br> AURA----------- | 1.000 Very limited *+<br> 1.000 Cutbanks cave |
| AuC2:<br> AURA----------- | 1.000 Very limited *+<br> 1.000 Cutbanks cave |
| AvD2:<br> AURA----------- | 1.000 Very limited *+<br> 1.000 Cutbanks cave<br> 0.837 (0.163-1.000) Slope |
| BaA:<br> BAILE---------- | 1.000 Very limited *+<br> 1.000 Depth to saturated zone<br> 0.100 Cutbanks cave |
| BaB:<br> BAILE---------- | 1.000 Very limited *+<br> 1.000 Depth to saturated zone<br> 0.100 Cutbanks cave |
| BcA:<br> BARCLAY--------- | 1.000 (0.955-1.000) Very limited (Somewhat limited to Very limited) *+<br> 1.000 (0.955-1.000) Depth to saturated zone<br> 0.100 Cutbanks cave |
| BcB:<br> BARCLAY--------- | 1.000 (0.955-1.000) Very limited (Somewhat limited to Very limited) *+<br> 1.000 (0.955-1.000) Depth to saturated zone<br> 0.100 Cutbanks cave |
| BeA:<br> BELTSVILLE------ | 1.000 Very limited *+<br> 1.000 Cutbanks cave<br> 1.000 (1.000-1.000) Depth to saturated zone |
| BeB2:<br> BELTSVILLE------ | 1.000 Very limited *+<br> 1.000 Cutbanks cave<br> 1.000 (1.000-1.000) Depth to saturated zone |
| BeC2:<br> BELTSVILLE------ | 1.000 Very limited *+<br> 1.000 Cutbanks cave<br> 1.000 (1.000-1.000) Depth to saturated zone |
| BeC3:<br> BELTSVILLE------ | 1.000 Very limited *+<br> 1.000 Cutbanks cave<br> 1.000 (1.000-1.000) Depth to saturated zone |

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|                   |                                                            |
| Map symbol and    |              ENG - Shallow Excavations                     |
|    soil name      |                                                            |
|_____|_____|
|                   |                                                            |
|BuA:               |                                                            |
| BUTLERTOWN--------|0.949 (0.612-1.000) Somewhat limited (Somewhat limited to Very limited) *+ |
|                   | 0.949 (0.612-1.000) Depth to saturated zone                |
|                   | 0.100 Cutbanks cave                                        |
|                   |                                                            |
|BuB2:              |                                                            |
| BUTLERTOWN--------|0.949 (0.612-1.000) Somewhat limited (Somewhat limited to Very limited) *+ |
|                   | 0.949 (0.612-1.000) Depth to saturated zone                |
|                   | 0.100 Cutbanks cave                                        |
|                   |                                                            |
|BuC2:              |                                                            |
| BUTLERTOWN--------|0.949 (0.612-1.000) Somewhat limited (Somewhat limited to Very limited) *+ |
|                   | 0.949 (0.612-1.000) Depth to saturated zone                |
|                   | 0.100 Cutbanks cave                                        |
|                   |                                                            |
|BuC3:              |                                                            |
| BUTLERTOWN--------|0.949 (0.612-1.000) Somewhat limited (Somewhat limited to Very limited) *+ |
|                   | 0.949 (0.612-1.000) Depth to saturated zone                |
|                   | 0.100 Cutbanks cave                                        |
|                   |                                                            |
|BuD2:              |                                                            |
| BUTLERTOWN--------|0.949 (0.612-1.000) Somewhat limited (Somewhat limited to Very limited) *+ |
|                   | 0.949 (0.612-1.000) Depth to saturated zone                |
|                   | 0.837 (0.163-1.000) Slope                                  |
|                   | 0.100 Cutbanks cave                                        |
|                   |                                                            |
|CeA:               |                                                            |
| CHESTER-----------|0.100 Somewhat limited *+                                    |
|                   | 0.100 Cutbanks cave                                        |
|                   |                                                            |
|CeB2:              |                                                            |
| CHESTER-----------|0.100 Somewhat limited *+                                    |
|                   | 0.100 Cutbanks cave                                        |
|                   |                                                            |
|ChB2:              |                                                            |
| CHILLUM-----------|1.000 Very limited *+                                       |
|                   | 1.000 Cutbanks cave                                        |
|                   |                                                            |
|ChC2:              |                                                            |
| CHILLUM-----------|1.000 Very limited *+                                       |
|                   | 1.000 Cutbanks cave                                        |
|                   |                                                            |
|ChC3:              |                                                            |
| CHILLUM-----------|1.000 Very limited *+                                       |
|                   | 1.000 Cutbanks cave                                        |
|                   |                                                            |
|ChD2:              |                                                            |
| CHILLUM-----------|1.000 Very limited *+                                       |
|                   | 1.000 Cutbanks cave                                        |
|                   | 0.837 (0.163-1.000) Slope                                  |
|                   |                                                            |
|ChD3:              |                                                            |
| CHILLUM-----------|1.000 Very limited *+                                       |
|                   | 1.000 Cutbanks cave                                        |
|                   | 0.837 (0.163-1.000) Slope                                  |
|                   |                                                            |
|ClB2:              |                                                            |
| CHRISTIANA--------|0.639 (0.100-1.000) Somewhat limited (Somewhat limited to Very limited) *+ |
|                   | 0.639 (0.000-1.000) Too clayey (Not too clayey to Too clayey) |
|                   | 0.100 Cutbanks cave                                        |
|                   |                                                            |
|CmB2:              |                                                            |
| CHROME------------|1.000 Very limited *+                                       |
|                   | 1.000 Depth to hard bedrock                                |
|                   | 0.100 Cutbanks cave                                        |
|                   |                                                            |
|CmC2:              |                                                            |
| CHROME------------|1.000 Very limited *+                                       |
|                   | 1.000 Depth to hard bedrock                                |
|                   | 0.633 (0.000-1.000) Slope (No slope limitation to Slope)   |
|                   | 0.100 Cutbanks cave                                        |
|                   |                                                            |
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|                   |                                                                            |
| Map symbol and    |                    ENG - Shallow Excavations                               |
|    soil name      |                                                                            |
|_____|_____|
|                   |                                                                            |
|CmD2:              |                                                                            |
| CHROME----------|1.000 Very limited *+                                                         |
|                   | 1.000 Depth to hard bedrock                                                |
|                   | 1.000 Slope                                                               |
|                   | 0.100 Cutbanks cave                                                       |
|                   |                                                                            |
|CnD3:              |                                                                            |
| CHROME----------|1.000 Very limited *+                                                         |
|                   | 1.000 Depth to hard bedrock                                                |
|                   | 1.000 (0.000-1.000) Slope (No slope limitation to Slope)                  |
|                   | 0.100 Cutbanks cave                                                       |
|                   |                                                                            |
|CnE3:              |                                                                            |
| CHROME----------|1.000 Very limited *+                                                         |
|                   | 1.000 Depth to hard bedrock                                                |
|                   | 1.000 Slope                                                               |
|                   | 0.100 Cutbanks cave                                                       |
|                   |                                                                            |
|Co:                |                                                                            |
| COASTAL BEACHES-|1.000 Very limited *+                                                         |
|                   | 1.000 Cutbanks cave *+                                                     |
|                   | 0.949 (0.000-1.000) Depth to saturated zone (No wetness depth limitation to Depth |
|                   |  to saturated zone)                                                       |
|                   | 0.800 Flooding                                                            |
|                   |                                                                            |
|Cp:                |                                                                            |
| CLAY PITS-------|0.639 (0.100-1.000) Somewhat limited (Somewhat limited to Very limited) *+    |
|                   | 0.639 (0.000-1.000) Too clayey (Not too clayey to Too clayey)             |
|                   | 0.100 Cutbanks cave                                                       |
|                   | 0.041 (0.000-1.000) Slope (No slope limitation to Slope)                  |
|                   |                                                                            |
|Cr:                |                                                                            |
| CODORUS---------|1.000 Very limited *+                                                         |
|                   | 1.000 Depth to saturated zone                                             |
|                   | 1.000 Cutbanks cave                                                       |
|                   | 0.600 Flooding                                                            |
|                   |                                                                            |
|CsB2:              |                                                                            |
| COLLINGTON------|1.000 Very limited *+                                                         |
|                   | 1.000 Cutbanks cave                                                       |
|                   |                                                                            |
|CsC2:              |                                                                            |
| COLLINGTON------|1.000 Very limited *+                                                         |
|                   | 1.000 Cutbanks cave                                                       |
|                   |                                                                            |
|CtB2:              |                                                                            |
| COLLINGTON------|1.000 Very limited *+                                                         |
|                   | 1.000 Cutbanks cave                                                       |
|                   |                                                                            |
|CtC2:              |                                                                            |
| COLLINGTON------|1.000 Very limited *+                                                         |
|                   | 1.000 Cutbanks cave                                                       |
|                   |                                                                            |
|CtC3:              |                                                                            |
| COLLINGTON------|1.000 Very limited *+                                                         |
|                   | 1.000 Cutbanks cave                                                       |
|                   |                                                                            |
|CtD2:              |                                                                            |
| COLLINGTON------|1.000 Very limited *+                                                         |
|                   | 1.000 Cutbanks cave                                                       |
|                   | 0.837 (0.163-1.000) Slope                                                 |
|                   |                                                                            |
|CtD3:              |                                                                            |
| COLLINGTON------|1.000 Very limited *+                                                         |
|                   | 1.000 Cutbanks cave                                                       |
|                   | 0.837 (0.163-1.000) Slope                                                 |
|                   |                                                                            |
|Cu:                |                                                                            |
| COMUS----------|1.000 Very limited *+                                                          |
|                   | 1.000 Cutbanks cave                                                       |
|                   | 0.600 Flooding                                                            |
|                   |                                                                            |
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| Map symbol and     |                    ENG - Shallow Excavations               |
|    soil name       |                                                            |
|_____|_____|
|                    |                                                            |
|CwC:                |                                                            |
| CONOWINGO-------|1.000 Very limited *+                                           |
|                    | 1.000 Depth to saturated zone                              |
|                    | 1.000 Cutbanks cave                                        |
|                    | 0.317 Depth to hard bedrock                                |
|                    |                                                            |
|ElA:                |                                                            |
| ELKTON----------|1.000 Very limited *+                                          |
| ELKTON----------|1.000 Very limited *+                                          |
|                    | 1.000 Depth to saturated zone                              |
|                    | 1.000 Depth to saturated zone                              |
|                    | 1.000 Cutbanks cave                                        |
|                    | 0.100 Cutbanks cave                                        |
|                    |                                                            |
|ElB:                |                                                            |
| ELKTON----------|1.000 Very limited *+                                          |
| ELKTON----------|1.000 Very limited *+                                          |
|                    | 1.000 Depth to saturated zone                              |
|                    | 1.000 Depth to saturated zone                              |
|                    | 1.000 Cutbanks cave                                        |
|                    | 0.100 Cutbanks cave                                        |
|                    |                                                            |
|EmA:                |                                                            |
| ELKTON----------|1.000 Very limited *+                                          |
| ELKTON----------|1.000 Very limited *+                                          |
|                    | 1.000 Depth to saturated zone                              |
|                    | 1.000 Depth to saturated zone                              |
|                    | 1.000 Cutbanks cave                                        |
|                    | 0.100 Cutbanks cave                                        |
|                    |                                                            |
|EmB:                |                                                            |
| ELKTON----------|1.000 Very limited *+                                          |
| ELKTON----------|1.000 Very limited *+                                          |
|                    | 1.000 Depth to saturated zone                              |
|                    | 1.000 Depth to saturated zone                              |
|                    | 1.000 Cutbanks cave                                        |
|                    | 0.100 Cutbanks cave                                        |
|                    |                                                            |
|EoA:                |                                                            |
| ELSINBORO-------|0.156 Somewhat limited *+                                      |
|                    | 0.156 Depth to saturated zone                              |
|                    | 0.100 Cutbanks cave                                        |
|                    |                                                            |
|EoB2:               |                                                            |
| ELSINBORO-------|0.156 Somewhat limited *+                                      |
|                    | 0.156 Depth to saturated zone                              |
|                    | 0.100 Cutbanks cave                                        |
|                    |                                                            |
|EoC2:               |                                                            |
| ELSINBORO-------|0.156 (0.156-0.163) Somewhat limited *+                        |
|                    | 0.156 Depth to saturated zone                              |
|                    | 0.100 Cutbanks cave                                        |
|                    |                                                            |
|EvB:                |                                                            |
| EVESBORO--------|1.000 Very limited *+                                          |
|                    | 1.000 Cutbanks cave                                        |
|                    |                                                            |
|EvD:                |                                                            |
| EVESBORO--------|1.000 Very limited *+                                          |
|                    | 1.000 Cutbanks cave                                        |
|                    | 0.163 (0.000-1.000) Slope (No slope limitation to Slope)   |
|                    |                                                            |
|EvE:                |                                                            |
| EVESBORO--------|1.000 Very limited *+                                          |
|                    | 1.000 Slope                                                |
|                    | 1.000 Cutbanks cave                                        |
|                    |                                                            |
|FaA:                |                                                            |
| FALLSINGTON-----|1.000 Very limited *+                                          |
|                    | 1.000 Depth to saturated zone                              |
|                    | 1.000 Cutbanks cave                                        |
|                    |                                                            |
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|                   |                                                                     |
| Map symbol and    |                    ENG - Shallow Excavations                        |
|    soil name      |                                                                     |
|_____|_____|
|                   |                                                                     |
|FaB:               |                                                                     |
| FALLSINGTON-----|1.000 Very limited *+                                                   |
|                   | 1.000 Depth to saturated zone                                       |
|                   | 1.000 Cutbanks cave                                                 |
|                   |                                                                     |
|FaC:               |                                                                     |
| FALLSINGTON-----|1.000 Very limited *+                                                   |
|                   | 1.000 Depth to saturated zone                                       |
|                   | 1.000 Cutbanks cave                                                 |
|                   |                                                                     |
|FmA:               |                                                                     |
| FALLSINGTON-----|1.000 Very limited *+                                                   |
|                   | 1.000 Depth to saturated zone                                       |
|                   | 1.000 Cutbanks cave                                                 |
|                   |                                                                     |
|FmB:               |                                                                     |
| FALLSINGTON-----|1.000 Very limited *+                                                   |
|                   | 1.000 Depth to saturated zone                                       |
|                   | 1.000 Cutbanks cave                                                 |
|                   |                                                                     |
|GeA:               |                                                                     |
| GLENELG---------|0.100 Somewhat limited *+                                               |
|                   | 0.100 Cutbanks cave                                                 |
|                   |                                                                     |
|GeB2:              |                                                                     |
| GLENELG---------|0.100 Somewhat limited *+                                               |
|                   | 0.100 Cutbanks cave                                                 |
|                   |                                                                     |
|GeC2:              |                                                                     |
| GLENELG---------|0.633 (0.100-1.000) Somewhat limited (Somewhat limited to Very limited) *+ |
|                   | 0.633 (0.000-1.000) Slope (No slope limitation to Slope)            |
|                   | 0.100 Cutbanks cave                                                 |
|                   |                                                                     |
|GeC3:              |                                                                     |
| GLENELG---------|0.633 (0.100-1.000) Somewhat limited (Somewhat limited to Very limited) *+ |
|                   | 0.633 (0.000-1.000) Slope (No slope limitation to Slope)            |
|                   | 0.100 Cutbanks cave                                                 |
|                   |                                                                     |
|GeD2:              |                                                                     |
| GLENELG---------|1.000 Very limited *+                                                   |
|                   | 1.000 Slope                                                         |
|                   | 0.100 Cutbanks cave                                                 |
|                   |                                                                     |
|GeD3:              |                                                                     |
| GLENELG---------|1.000 Very limited *+                                                   |
|                   | 1.000 Slope                                                         |
|                   | 0.100 Cutbanks cave                                                 |
|                   |                                                                     |
|GeE:               |                                                                     |
| GLENELG---------|1.000 Very limited *+                                                   |
|                   | 1.000 Slope                                                         |
|                   | 0.100 Cutbanks cave                                                 |
|                   |                                                                     |
|GnA:               |                                                                     |
| GLENVILLE-------|1.000 (0.955-1.000) Very limited (Somewhat limited to Very limited) *+ |
|                   | 1.000 (0.955-1.000) Depth to saturated zone                         |
|                   | 0.100 Cutbanks cave                                                 |
|                   |                                                                     |
|GnB2:              |                                                                     |
| GLENVILLE-------|1.000 (0.955-1.000) Very limited (Somewhat limited to Very limited) *+ |
|                   | 1.000 (0.955-1.000) Depth to saturated zone                         |
|                   | 0.100 Cutbanks cave                                                 |
|                   |                                                                     |
|GnC2:              |                                                                     |
| GLENVILLE-------|1.000 (0.955-1.000) Very limited (Somewhat limited to Very limited) *+ |
|                   | 1.000 (0.955-1.000) Depth to saturated zone                         |
|                   | 0.633 (0.000-1.000) Slope (No slope limitation to Slope)            |
|                   | 0.100 Cutbanks cave                                                 |
|                   |                                                                     |
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|                    |                                                                  |
| Map symbol and     |                  ENG - Shallow Excavations                       |
|    soil name       |                                                                  |
|_____|_____|
|                    |                                                                  |
|Gv:                 |                                                                  |
| GRAVEL AND         |1.000 Very limited *+                                              |
|  BORROW PI------|  |                                                                  |
|                    |  1.000 Cutbanks cave *+                                           |
|                    |                                                                  |
|Ha:                 |                                                                  |
| HATBORO---------|1.000 Very limited *+                                                 |
|                    |  1.000 Depth to saturated zone                                   |
|                    |  1.000 Cutbanks cave                                             |
|                    |  0.600 Flooding                                                  |
|                    |                                                                  |
|KeA:                |                                                                  |
| KEYPORT---------|1.000 Very limited *+                                                 |
|                    |  1.000 Cutbanks cave                                             |
|                    |  0.986 (0.612-1.000) Depth to saturated zone                     |
|                    |                                                                  |
|KeB2:               |                                                                  |
| KEYPORT--------|1.000 Very limited *+                                                  |
|                    |  1.000 Cutbanks cave                                             |
|                    |  0.986 (0.612-1.000) Depth to saturated zone                     |
|                    |                                                                  |
|KeC2:               |                                                                  |
| KEYPORT--------|1.000 Very limited *+                                                  |
|                    |  1.000 Cutbanks cave                                             |
|                    |  0.986 (0.612-1.000) Depth to saturated zone                     |
|                    |                                                                  |
|KpA:                |                                                                  |
| KEYPORT--------|1.000 Very limited *+                                                  |
|                    |  1.000 Cutbanks cave                                             |
|                    |  0.986 (0.612-1.000) Depth to saturated zone                     |
|                    |                                                                  |
|KpB2:               |                                                                  |
| KEYPORT---------|1.000 Very limited *+                                                 |
|                    |  1.000 Cutbanks cave                                             |
|                    |  0.986 (0.612-1.000) Depth to saturated zone                     |
|                    |                                                                  |
|KpC2:               |                                                                  |
| KEYPORT---------|1.000 Very limited *+                                                 |
|                    |  1.000 Cutbanks cave                                             |
|                    |  0.986 (0.612-1.000) Depth to saturated zone                     |
|                    |                                                                  |
|KpD2:               |                                                                  |
| KEYPORT---------|1.000 Very limited *+                                                 |
|                    |  1.000 Cutbanks cave                                             |
|                    |  0.986 (0.612-1.000) Depth to saturated zone                     |
|                    |  0.837 (0.163-1.000) Slope                                       |
|                    |                                                                  |
|KsB3:               |                                                                  |
| KEYPORT---------|1.000 Very limited *+                                                 |
|                    |  1.000 Cutbanks cave                                             |
|                    |  0.986 (0.612-1.000) Depth to saturated zone                     |
|                    |                                                                  |
|KsC3:               |                                                                  |
| KEYPORT---------|1.000 Very limited *+                                                 |
|                    |  1.000 Cutbanks cave                                             |
|                    |  0.986 (0.612-1.000) Depth to saturated zone                     |
|                    |                                                                  |
|LeB2:               |                                                                  |
| LEGORE----------|1.000 Very limited *+                                                |
|                    |  1.000 Cutbanks cave                                             |
|                    |                                                                  |
|LeC2:               |                                                                  |
| LEGORE----------|1.000 Very limited *+                                                |
|                    |  1.000 Cutbanks cave                                             |
|                    |  0.633 (0.000-1.000) Slope (No slope limitation to Slope)        |
|                    |                                                                  |
|LeD2:               |                                                                  |
| LEGORE----------|1.000 Very limited *+                                                |
|                    |  1.000 Slope                                                     |
|                    |  1.000 Cutbanks cave                                             |
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|                     |                                                                   |
| Map symbol and      |                   ENG - Shallow Excavations                       |
|    soil name        |                                                                   |
|_____|_____|
|                     |                                                                   |
|LgC3:                |                                                                   |
| LEGORE----------|1.000 Very limited *+                                                   |
|                     | 1.000 Cutbanks cave                                               |
|                     | 0.633 (0.000-1.000) Slope (No slope limitation to Slope)          |
|                     |                                                                   |
|LgE3:                |                                                                   |
| LEGORE----------|1.000 Very limited *+                                                   |
|                     | 1.000 Slope                                                       |
|                     | 1.000 Cutbanks cave                                               |
|                     |                                                                   |
|LoA:                 |                                                                   |
| LEONARDTOWN-----|1.000 Very limited *+                                                   |
|                     | 1.000 Depth to saturated zone                                     |
|                     | 0.500 (0.000-0.500) Depth to dense layer (No dense layer limitation to Depth to |
|                     |  dense layer)                                                     |
|                     | 0.100 Cutbanks cave                                               |
|                     |                                                                   |
|LoB:                 |                                                                   |
| LEONARDTOWN-----|1.000 Very limited *+                                                   |
|                     | 1.000 Depth to saturated zone                                     |
|                     | 0.500 (0.000-0.500) Depth to dense layer (No dense layer limitation to Depth to |
|                     |  dense layer)                                                     |
|                     | 0.100 Cutbanks cave                                               |
|                     |                                                                   |
|LyC:                 |                                                                   |
| LOAMY AND CLAYEY|0.500 (0.100-1.000) Somewhat limited (Somewhat limited to Very limited) *+ |
|   LAN-----------|                                                                       |
|                     | 0.500 (0.000-1.000) Too clayey (Not too clayey to Too clayey)     |
|                     | 0.100 Cutbanks cave                                               |
|                     |                                                                   |
|LyD:                 |                                                                   |
| LOAMY AND CLAYEY|0.837 (0.163-1.000) Somewhat limited (Somewhat limited to Very limited) *+ |
|   LAN-----------|                                                                       |
|                     | 0.837 (0.163-1.000) Slope                                         |
|                     | 0.100 Cutbanks cave                                               |
|                     |                                                                   |
|LyE:                 |                                                                   |
| LOAMY AND CLAYEY|1.000 Very limited *+                                                   |
|   LAN-----------|                                                                       |
|                     | 1.000 Slope                                                       |
|                     | 0.100 Cutbanks cave                                               |
|                     |                                                                   |
|MaB:                 |                                                                   |
| MADE LAND-------|0.100 (0.100-0.163) Somewhat limited *+                                 |
|                     | 0.100 Cutbanks cave *+                                             |
|                     |                                                                   |
|MaD:                 |                                                                   |
| MADE LAND-------|1.000 (0.163-1.000) Very limited (Somewhat limited to Very limited) *+ |
|                     | 1.000 (0.163-1.000) Slope                                         |
|                     | 0.100 Cutbanks cave *+                                             |
|                     |                                                                   |
|MlB2:                |                                                                   |
| MANOR-----------|0.100 Somewhat limited *+                                               |
|                     | 0.100 Cutbanks cave                                               |
|                     |                                                                   |
|MlC2:                |                                                                   |
| MANOR-----------|0.633 (0.100-1.000) Somewhat limited (Somewhat limited to Very limited) *+ |
|                     | 0.633 (0.000-1.000) Slope (No slope limitation to Slope)          |
|                     | 0.100 Cutbanks cave                                               |
|                     |                                                                   |
|MlC3:                |                                                                   |
| MANOR-----------|0.633 (0.100-1.000) Somewhat limited (Somewhat limited to Very limited) *+ |
|                     | 0.633 (0.000-1.000) Slope (No slope limitation to Slope)          |
|                     | 0.100 Cutbanks cave                                               |
|                     |                                                                   |
|MlD2:                |                                                                   |
| MANOR-----------|1.000 Very limited *+                                                   |
|                     | 1.000 Slope                                                       |
|                     | 0.100 Cutbanks cave                                               |
|                     |                                                                   |
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|_____|_____|
|                        |                                                                               |
| Map symbol and         |                       ENG - Shallow Excavations                               |
|    soil name           |                                                                               |
|_____|_____|
|                        |                                                                               |
|MlD3:                   |                                                                               |
| MANOR-----------|1.000 Very limited *+                                                                  |
|                        |  1.000 Slope                                                                  |
|                        |  0.100 Cutbanks cave                                                          |
|                        |                                                                               |
|MlE:                    |                                                                               |
| MANOR-----------|1.000 Very limited *+                                                                  |
|                        |  1.000 Slope                                                                  |
|                        |  0.100 Cutbanks cave                                                          |
|                        |                                                                               |
|MmD:                    |                                                                               |
| MANOR-----------|0.959 (0.100-1.000) Somewhat limited (Somewhat limited to Very limited) *+             |
|                        |  0.959 (0.000-1.000) Slope (No slope limitation to Slope)                      |
|                        |  0.100 Cutbanks cave                                                          |
|                        |                                                                               |
|MnA:                    |                                                                               |
| MATAPEAKE-------|0.100 (0.100-1.000) Somewhat limited (Somewhat limited to Very limited) *+             |
|                        |  0.100 Cutbanks cave                                                          |
|                        |                                                                               |
|MnB2:                   |                                                                               |
| MATAPEAKE-------|0.100 (0.100-1.000) Somewhat limited (Somewhat limited to Very limited) *+             |
|                        |  0.100 Cutbanks cave                                                          |
|                        |                                                                               |
|MnC2:                   |                                                                               |
| MATAPEAKE-------|0.100 (0.100-1.000) Somewhat limited (Somewhat limited to Very limited) *+             |
|                        |  0.100 Cutbanks cave                                                          |
|                        |                                                                               |
|MnC3:                   |                                                                               |
| MATAPEAKE-------|0.100 (0.100-1.000) Somewhat limited (Somewhat limited to Very limited) *+             |
|                        |  0.100 Cutbanks cave                                                          |
|                        |                                                                               |
|MnD2:                   |                                                                               |
| MATAPEAKE-------|0.837 (0.163-1.000) Somewhat limited (Somewhat limited to Very limited) *+             |
|                        |  0.837 (0.163-1.000) Slope                                                     |
|                        |  0.100 Cutbanks cave                                                          |
|                        |                                                                               |
|MnD3:                   |                                                                               |
| MATAPEAKE-------|0.837 (0.163-1.000) Somewhat limited (Somewhat limited to Very limited) *+             |
|                        |  0.837 (0.163-1.000) Slope                                                     |
|                        |  0.100 Cutbanks cave                                                          |
|                        |                                                                               |
|MoA:                    |                                                                               |
| MATAPEAKE-------|0.100 (0.100-1.000) Somewhat limited (Somewhat limited to Very limited) *+             |
|                        |  0.100 Cutbanks cave                                                          |
|                        |                                                                               |
|MoB2:                   |                                                                               |
| MATAPEAKE-------|0.100 (0.100-1.000) Somewhat limited (Somewhat limited to Very limited) *+             |
|                        |  0.100 Cutbanks cave                                                          |
|                        |                                                                               |
|MpA:                    |                                                                               |
| MATTAPEX--------|1.000 Very limited *+                                                                  |
|                        |  1.000 Cutbanks cave                                                          |
|                        |  1.000 (0.955-1.000) Depth to saturated zone                                   |
|                        |                                                                               |
|MpB2:                   |                                                                               |
| MATTAPEX--------|1.000 Very limited *+                                                                  |
|                        |  1.000 Cutbanks cave                                                          |
|                        |  1.000 (0.955-1.000) Depth to saturated zone                                   |
|                        |                                                                               |
|MpC2:                   |                                                                               |
| MATTAPEX--------|1.000 Very limited *+                                                                  |
|                        |  1.000 Cutbanks cave                                                          |
|                        |  1.000 (0.955-1.000) Depth to saturated zone                                   |
|                        |                                                                               |
|Mr:                     |                                                                               |
| MIXED ALLUVIAL    |1.000 Very limited *+                                                                  |
|  LAND-----------|                                                                               |
|                        |  1.000 Depth to saturated zone                                                |
|                        |  0.800 Flooding                                                               |
|                        |  0.100 Cutbanks cave                                                          |
|                        |                                                                               |
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|_____|_____|
|                  |                                                                               |
| Map symbol and   |                        ENG - Shallow Excavations                              |
|    soil name     |                                                                               |
|_____|_____|
|                  |                                                                               |
|MtA:              |                                                                               |
| MONTALTO---------|0.100 (0.100-0.875) Somewhat limited *+                                         |
|                  |  0.100 Cutbanks cave                                                          |
|                  |  0.031 (0.000-0.875) Too clayey (Not too clayey to Too clayey)                |
|                  |                                                                               |
|MtB2:             |                                                                               |
| MONTALTO---------|0.100 (0.100-0.875) Somewhat limited *+                                         |
|                  |  0.100 Cutbanks cave                                                          |
|                  |  0.031 (0.000-0.875) Too clayey (Not too clayey to Too clayey)                |
|                  |                                                                               |
|MtC2:             |                                                                               |
| MONTALTO---------|0.633 (0.100-1.000) Somewhat limited (Somewhat limited to Very limited) *+      |
|                  |  0.633 (0.000-1.000) Slope (No slope limitation to Slope)                     |
|                  |  0.100 Cutbanks cave                                                          |
|                  |  0.031 (0.000-0.875) Too clayey (Not too clayey to Too clayey)                |
|                  |                                                                               |
|MvD:              |                                                                               |
| MONTALTO---------|0.959 (0.100-1.000) Somewhat limited (Somewhat limited to Very limited) *+      |
|                  |  0.959 (0.000-1.000) Slope (No slope limitation to Slope)                     |
|                  |  0.100 Cutbanks cave                                                          |
|                  |  0.031 (0.000-0.875) Too clayey (Not too clayey to Too clayey)                |
|                  |                                                                               |
|MyC3:             |                                                                               |
| MONTALTO---------|0.633 (0.100-1.000) Somewhat limited (Somewhat limited to Very limited) *+      |
|                  |  0.633 (0.000-1.000) Slope (No slope limitation to Slope)                     |
|                  |  0.100 Cutbanks cave                                                          |
|                  |  0.031 (0.000-0.875) Too clayey (Not too clayey to Too clayey)                |
|                  |                                                                               |
|MyD3:             |                                                                               |
| MONTALTO---------|1.000 Very limited *+                                                          |
|                  |  1.000 Slope                                                                  |
|                  |  0.100 Cutbanks cave                                                          |
|                  |  0.031 (0.000-0.875) Too clayey (Not too clayey to Too clayey)                |
|                  |                                                                               |
|NeA:              |                                                                               |
| NESHAMINY--------|0.100 (0.100-0.172) Somewhat limited *+                                         |
|                  |  0.100 Cutbanks cave                                                          |
|                  |                                                                               |
|NeB2:             |                                                                               |
| NESHAMINY--------|0.100 (0.100-0.172) Somewhat limited *+                                         |
|                  |  0.100 Cutbanks cave                                                          |
|                  |                                                                               |
|NeC2:             |                                                                               |
| NESHAMINY--------|0.633 (0.100-1.000) Somewhat limited (Somewhat limited to Very limited) *+      |
|                  |  0.633 (0.000-1.000) Slope (No slope limitation to Slope)                     |
|                  |  0.100 Cutbanks cave                                                          |
|                  |                                                                               |
|NeD2:             |                                                                               |
| NESHAMINY--------|1.000 Very limited *+                                                          |
|                  |  1.000 Slope                                                                  |
|                  |  0.100 Cutbanks cave                                                          |
|                  |                                                                               |
|OhA:              |                                                                               |
| OTHELLO----------|1.000 Very limited *+                                                          |
|                  |  1.000 Depth to saturated zone                                               |
|                  |  1.000 Cutbanks cave                                                          |
|                  |                                                                               |
|OhB:              |                                                                               |
| OTHELLO----------|1.000 Very limited *+                                                          |
|                  |  1.000 Depth to saturated zone                                               |
|                  |  1.000 Cutbanks cave                                                          |
|                  |                                                                               |
|RuB:              |                                                                               |
| RUMFORD----------|1.000 Very limited *+                                                          |
|                  |  1.000 Cutbanks cave                                                          |
|                  |                                                                               |
|RuC:              |                                                                               |
| RUMFORD----------|1.000 Very limited *+                                                          |
|                  |  1.000 Cutbanks cave                                                          |
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| Map symbol and     |                     ENG - Shallow Excavations                     |
|    soil name       |                                                                   |
|_____|_____|
|                    |                                                                   |
|RuD:                |                                                                   |
| RUMFORD---------|1.000 Very limited *+                                                  |
|                    | 1.000 Cutbanks cave                                               |
|                    | 0.837 (0.163-1.000) Slope                                         |
|                    |                                                                   |
|SaA:                |                                                                   |
| SASSAFRAS-------|1.000 Very limited *+                                                  |
|                    | 1.000 Cutbanks cave                                               |
|                    |                                                                   |
|SaB2:               |                                                                   |
| SASSAFRAS-------|1.000 Very limited *+                                                  |
|                    | 1.000 Cutbanks cave                                               |
|                    |                                                                   |
|SaC2:               |                                                                   |
| SASSAFRAS-------|1.000 Very limited *+                                                  |
|                    | 1.000 Cutbanks cave                                               |
|                    |                                                                   |
|SaC3:               |                                                                   |
| SASSAFRAS-------|1.000 Very limited *+                                                  |
|                    | 1.000 Cutbanks cave                                               |
|                    |                                                                   |
|SaD2:               |                                                                   |
| SASSAFRAS-------|1.000 Very limited *+                                                  |
|                    | 1.000 Cutbanks cave                                               |
|                    | 0.837 (0.163-1.000) Slope                                         |
|                    |                                                                   |
|SaD3:               |                                                                   |
| SASSAFRAS-------|1.000 Very limited *+                                                  |
|                    | 1.000 Cutbanks cave                                               |
|                    | 0.837 (0.163-1.000) Slope                                         |
|                    |                                                                   |
|SfB2:               |                                                                   |
| SASSAFRAS-------|1.000 Very limited *+                                                  |
|                    | 1.000 Cutbanks cave                                               |
|                    |                                                                   |
|SgB2:               |                                                                   |
| SASSAFRAS-------|1.000 Very limited *+                                                  |
|                    | 1.000 Cutbanks cave                                               |
|                    |                                                                   |
|SgC2:               |                                                                   |
| SASSAFRAS-------|1.000 Very limited *+                                                  |
|                    | 1.000 Cutbanks cave                                               |
|                    |                                                                   |
|SgC3:               |                                                                   |
| SASSAFRAS-------|1.000 Very limited *+                                                  |
|                    | 1.000 Cutbanks cave                                               |
|                    |                                                                   |
|SgD3:               |                                                                   |
| SASSAFRAS-------|1.000 Very limited *+                                                  |
|                    | 1.000 Cutbanks cave                                               |
|                    | 0.837 (0.163-1.000) Slope                                         |
|                    |                                                                   |
|SrE:                |                                                                   |
| AURA-----------|1.000 Very limited *+                                                  |
|                    | 1.000 Slope                                                       |
|                    | 1.000 Cutbanks cave                                               |
|                    |                                                                   |
| SASSAFRAS-------|1.000 Very limited *+                                                  |
|                    | 1.000 Slope                                                       |
|                    | 1.000 Cutbanks cave                                               |
|                    |                                                                   |
|St:                 |                                                                   |
| STONY LAND------|1.000 Very limited *+                                                  |
|                    | 1.000 Slope                                                       |
|                    | 0.100 Cutbanks cave                                               |
|                    |                                                                   |
|Tm:                 |                                                                   |
| TIDAL MARSH-----|1.000 Very limited *+                                                  |
|                    | 1.000 Depth to saturated zone                                     |
|                    | 0.800 Flooding                                                    |
|                    | 0.281 (0.000-1.000) Too clayey (Not too clayey to Too clayey)     |
|                    |                                                                   |
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|                   |                                                                         |
| Map symbol and    |                    ENG - Shallow Excavations                            |
|    soil name      |                                                                         |
|_____|_____|
|                   |                                                                         |
|Wa:                |                                                                         |
| WATCHUNG--------|1.000 Very limited *+                                                       |
|                   | 1.000 Depth to saturated zone                                           |
|                   | 0.719 (0.000-1.000) Too clayey (Not too clayey to Too clayey)           |
|                   | 0.100 Cutbanks cave                                                     |
|                   |                                                                         |
|WoA:               |                                                                         |
| WOODSTOWN-------|1.000 Very limited *+                                                       |
|                   | 1.000 Cutbanks cave                                                     |
|                   | 0.999 (0.820-1.000) Depth to saturated zone                             |
|                   |                                                                         |
|WoB2:              |                                                                         |
| WOODSTOWN-------|1.000 Very limited *+                                                       |
|                   | 1.000 Cutbanks cave                                                     |
|                   | 0.999 (0.820-1.000) Depth to saturated zone                             |
|                   |                                                                         |
|WoC2:              |                                                                         |
| WOODSTOWN-------|1.000 Very limited *+                                                       |
|                   | 1.000 Cutbanks cave                                                     |
|                   | 0.999 (0.820-1.000) Depth to saturated zone                             |
|                   |                                                                         |
|WoC3:              |                                                                         |
| WOODSTOWN-------|1.000 Very limited *+                                                       |
|                   | 1.000 Cutbanks cave                                                     |
|                   | 0.999 (0.820-1.000) Depth to saturated zone                             |
|                   |                                                                         |
|WoD:               |                                                                         |
| WOODSTOWN-------|1.000 Very limited *+                                                       |
|                   | 1.000 Cutbanks cave                                                     |
|                   | 0.999 (0.820-1.000) Depth to saturated zone                             |
|                   | 0.837 (0.163-1.000) Slope                                               |
|                   |                                                                         |
|WsA:               |                                                                         |
| WOODSTOWN-------|1.000 Very limited *+                                                       |
|                   | 1.000 Cutbanks cave                                                     |
|                   | 0.999 (0.820-1.000) Depth to saturated zone                             |
|                   |                                                                         |
|WsB2:              |                                                                         |
| WOODSTOWN-------|1.000 Very limited *+                                                       |
|                   | 1.000 Cutbanks cave                                                     |
|                   | 0.999 (0.820-1.000) Depth to saturated zone                             |
|                   |                                                                         |
|_____|_____|
```

ALL VALUES ARE ROUNDED.
* INDICATES NULL DATA WAS USED.
+ INDICATES DEFAULT VALUES WERE USED.